



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

4H
prohibit
A
8-26-97

In re the application of:

Jürgen Schulz-Harder et al

Group Art Unit:

Serial No:

Examiner:

Filed :

For : PROCESS FOR PRODUCING A CERAMIC
SUBSTRATE AND A CERAMIC SUBSTRATE

PRELIMINARY AMENDMENT

Commissioner of Patents and Trademarks
Washington, D.C. 20231

Sir:

Please amend the above-identified application as follows:

IN THE SPECIFICATION:

Please replace the original specification with the attached "Substitute Specification."

IN THE CLAIMS:

Please delete "Claims," and insert in its place --WHAT IS CLAIMED IS:--.

Please cancel claims 1-17, and replace same with new claims 18-35.

a

--18. A process for producing a substrate with at least one layer of an aluminum nitrate ceramic, comprising the steps of applying an auxiliary or intermediate layer of an aluminum oxide to at least one side of said at least one layer, wherein said auxiliary intermediate layer is applied using a copper oxide-containing material such that said auxiliary or intermediate layer, such that a part of a thickness of said auxiliary or intermediate layer contains about 0.05-44 percent